

# Forest LeBlanc

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## Professional Experience

<b>Advanced Computing Group</b>	Special Project Assistant	May 2019-Jan 2020
<ul style="list-style-type: none"><li>Configured web servers on cloud-based virtual machines. Researched cloud/cluster computing methods and ML applications.</li><li>Contributed to development of hybrid server framework for use by academic clients.</li><li>Skills: Operating systems, web servers, cloud platforms, research, technical communication</li></ul>		
<b>University of Maine</b>	Teaching Assistant	Dec 2018 - May 2019
<ul style="list-style-type: none"><li>Directly advised 19 students on embedded programming projects.</li><li>Created an automated form that improved on the previous paper system, making grade recording/calculating significantly easier for fellow TAs.</li><li>Skills: Engineering, test equipment, programming, technical communication, education</li></ul>		
<b>Wireless Sensing Networks Lab</b>	Undergraduate Research Assistant	May 2018 - Dec 2018
<ul style="list-style-type: none"><li>Contributed to research and development of 3 projects for medical and aerospace purposes.</li><li>Ran tours of lunar habitat simulation environment for middle-schoolers. Presented research to media and local tech companies.</li><li>Skills: Engineering, project design, circuitry, research, programming, technical communication</li></ul>		

## Education

<b>University of Maine</b> Orono, ME USA	<b>Bachelor of Science, Computer Engineering</b> w/ Minor in Mathematics	Aug 2015 - May 2019
<ul style="list-style-type: none"><li><b>Honors:</b> Francis Crowe Society; Rajendra &amp; Neera Singh Engineering Scholarship; Norman B. Stetson Scholarship; University of Maine Flagship Scholarship; Dean's List.</li><li><b>Activities:</b> Students for the Exploration and Development of Space; Engineers Without Borders; IEEE Student Branch; UMaine Black Bear Robotics team</li></ul>		
<b>DeepLearning.AI</b> Stanford University	<b><u>Certification, Deep Learning Specialization</u></b> Coursera	Jan 2020 - Oct 2020

## (Some) Projects

- Various Kaggle projects** (Data science, ML, Bioinformatics, algo. trading, data processing)
- Non-Invasive Tracking System** (Linux/UNIX, C/C++, Python, project management)
- UMaine Biomedical Engineering Projects** (machine learning, comp. vision, MCUs, RasPi)

## (Some) Abilities

- Relevant: Machinery, Communication**
- General:** Quantitative analysis, Project planning, Communication, Troubleshooting, Automation
- Prog. Languages:** Python, C/C++, HTML/CSS/JS, VHDL/Verilog, Assembly, SQL, MATLAB
- Tech/Eng:** Machine learning, Data science, Git, Linux/UNIX, Circuit design, FPGAs, MCUs
- Misc:** Conversational Spanish, Chemistry, Physics, Mathematics, Technical writing